

METHOD AND APPARATUS FOR CONGESTION AVOIDANCE
IN SOURCE ROUTED SIGNALING PROTOCOL
COMMUNICATION NETWORKS

5

Abstract of the Invention

A method and apparatus for communicating and utilizing control plane congestion information in a communication network that utilizes a source routed signaling protocol is presented. When control plane congestion is detected at a network element within the communication network, a congestion notification message is generated corresponding to the detected control plane congestion. The congestion notification is then provided to at least one additional network element within the communications network. The at least one additional network element can then utilize this knowledge of the congestion within the network to perform various network functions, including the routing a connection set-up message.